

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-5 (Cancelled).

6. (New) An aquarium-cleaning device adapted for incorporation into an aquarium, said aquarium-cleaning device comprising a microorganism carrier, wherein said microorganism carrier is charcoal obtained from a waste organic substance produced in food industries by drying, forming and carbonizing one or more of spent grain, tea grounds, coffee grounds, plum seeds, yeast and yeast cell walls.

7. (New) The aquarium-cleaning device of claim 6, wherein the organic substance is spent grain.

8. (New) The aquarium-cleaning device of claim 6 as a part of an aquarium for pet fish, feeding fish, or culturing fish.

9. (New and Withdrawn) An aquarium-cleaning device comprising a microorganism carrier in which the microorganism carrier is charcoal obtained by drying and carbonizing plum seeds.

10. (New and Withdrawn) The aquarium-cleaning device of claim 9 as a part of an aquarium for pet fish, feeding fish, or culturing fish.

11. (New) The aquarium-cleaning device of claim 6 wherein the organic substance is plum seeds.

12. (New) The aquarium-cleaning device of claim 6 wherein the organic substance is one or more of spent grain, tea grounds, coffee grounds, yeast and yeast cell walls.

13. (New) In an aquarium-cleaning device comprising charcoal, the improvement wherein

said charcoal consists essentially of spent grain charcoal, said spent grain charcoal being a charcoal obtained by drying and carbonizing one or more of spent grain, tea grounds, coffee grounds, plum seeds, yeast and yeast cell walls, and without said spent grain charcoal having been subjected to a separate activation.

14. (New) The aquarium-cleaning device of claim 13 wherein said spent grain charcoal is derived from one or more spent grain, tea grounds, coffee grounds, yeast and yeast cell walls, and, in addition to having been dried and carbonized, has been subjected to forming.

15 (New) The aquarium-cleaning device of claim 13 wherein said spent grain charcoal is derived from plum seeds.

16 (New) The aquarium-cleaning device of claim 13 as part of an aquarium.

17. (New) The aquarium-cleaning device of claim 6 further comprising a frame and a supporting structure for said charcoal.

18. (New) The aquarium-cleaning device of claim 6, wherein said charcoal has a grain size of 5-10 mm.

19. (New) The aquarium-cleaning device of claim 13, wherein said charcoal has a grain size of 5-10 mm.